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TO: P.E.
APR 11 2005
PATENT & TRADEMARK

April 6, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Commissioner:

This is a response to the Office Action Summary on Patent Application number 10/755,663, received on March 2, 2005. I have included a Description of the Related Art for references cited in the Detailed Action from examiner Marc E. Norman for Art Unit 3744.

Sincerely,

A handwritten signature in cursive script that reads 'Michael Cornwall'.

Michael Cornwall
President

APR 11 2005

Description of Related Art

U.S. Patent number 6,854,658 discloses a system using one or more electrical stepper motors to control the mixing of fluids. This system can be very costly and does not use high flow proportional valves to control fluid mixing.

U.S. Patent Application number 2004/0041033 discloses a system using a gear driven motor coupled to a standard pressure balancing valve. This system can be very costly and does not use high flow proportional valves to control fluid mixing.

U.S. Patent Application number 2003/0080194 discloses a system using electrical control motors coupled to manually operated valves to control temperature. This system can be very costly and does not use high flow proportional valves to control fluid mixing.

U.S. Patent number 6,481,634 discloses a system using valves to control flow to a faucet. This system does not claim to control a plurality of temperatures and does not claim to have high flow valves to deliver output to larger volumes, such as a bathtub.

U.S. Patent number 4,541,562 discloses a system using regulated and constant flow rates in relation to both cold and warm inlets. It further discloses a single proportioning valve between said inlets to produce a constant temperature outlet. This system produces a constant flow output and does not incorporate a mixing device prior to feedback through a sensor.